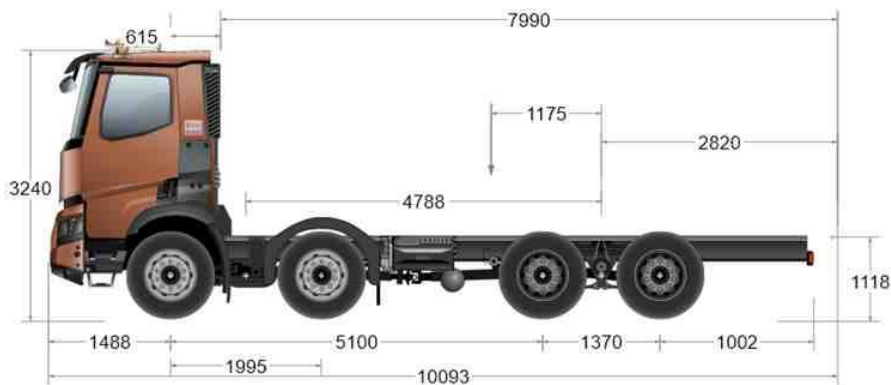
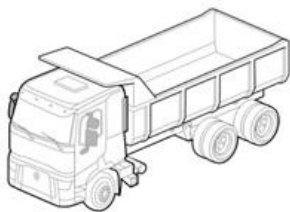


Model code : UKM\_30CS036OFROD  
Print date: 28/01/2025  
Last updated: 28/01/2025

Prepared for :

RENAULT TRUCKS C P8X4 OFF ROAD 13L E6 - GVW 32T / GCW 35.5 T

Body Type:  
TIPPING BODY



WEIGHTS

Wheelbase		mm	5.100
Payload	(C)	Kg	21945
Maximum Weight (registered)	Total (GVW)	Kg	32000
	Rear axle(s)	Kg	19000
	Front axle(s)	Kg	16000
	Front axle 1	Kg	8000.00
	Front axle 2	Kg	8000.00
	rear axle 3	Kg	
	rear axle 2	Kg	9500
Min. weight complete vehicle unladen	Front axle(s)	Kg	8186.00
Chassis cab kerb weight	Rear axles (Liftable axle up)	Kg	
	Front axles (Liftable axle down)	Kg	7613
	Rear axles (Liftable axle down)	Kg	2442
	Front Axle 1	Kg	3807.00
	Front Axle 2	Kg	3807.00
	Rear Axle 1	Kg	1221.00



	Rear Axle 2	Kg	1221.00
	Rear Axle 3	Kg	
	Front axles (Liftable axle up)	Kg	
Kerb Weight	total	Kg	10055
Total vehicle weight under full load at YMAX	Front axle(s)	Kg	16000.00
	Rear axle(s)	Kg	16000.00
Total vehicle weight under full load at YMIN	Rear axle(s)	Kg	19000.00
	Front axle(s)	Kg	13000.00

**This table includes the weights of the RENAULT TRUCKS options: full AdBlue tank, oil, screen wash fluid and coolant at 100%, fuel fill level 90% and driver present (75 kg)**

**To maintain the driving comfort (lightness of steering, braking) of vehicles in all load and driving conditions once the vehicle is bodied, the following minimum axle load(s) must be respected: A value corresponding to 43% of the weight of the unladen bodied vehicle kerb weight (with driver, without passenger)**

## LENGTHS

Wheelbase		mm	5.100
Front Overhang	(H / BEP L016)	mm	1488
Wheelbase	(F / BEP L011)	mm	5100
Technical wheelbase	(F' / BEP L015)	mm	4788
Axle Spacing	Axle 1-2 (BEP L012.1)	mm	1995.00
	Axle 2-3 (BEP L012.2)	mm	3105.00
	Axle 3-4 (BEP L012.3)	mm	1370.00
Rear overhang	Chassis, overall (BEP L017)	mm	1002
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	1511
	Max. (Xmax / BEP L017)	mm	2820
Rear overhang	from end of technical wheelbase (N')	mm	1533.00
Cab entry	(B / BEP L102)	mm	615
Body length	Min. (Wmin / BEP L105)	mm	6681
	Max. (Wmax / BEP L105)	mm	7990
Load Centre of Gravity	Total	mm	0
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	1830
	Min. (Ymin / BEP L104)	mm	1175
Overall Chassis Length	(A / BEP L001)	mm	8960

## HEIGHTS

Wheelbase		mm	5.100
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	831.00
Ground clearance, laden	Rear (U3 / BEP H016)	mm	333
Max. exterior height unladen	(BEP H001)	mm	3414
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	3894.00
Cab height (unladen)	(O)	mm	3240
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	
	Laden (H0 / BEP H18)	mm	353.00
Side member height	(BEP H032)	mm	300.00
Frame top height at front axle	Laden (H1 / BEP H036)	mm	1020.00
	Unladen (H1 / BEP H035)	mm	1115.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1118
	Laden (H2 / BEP H038)	mm	1054
Frame top height at the rear of the frame	Unladen (HN)	mm	1119.00
	Laden (HN)	mm	1069.00

## TOWING DEVICE

Wheelbase		mm	5.100
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L045 + L016)	mm	

Distance between centre of last axle to centre of coupling device		mm	
Height of towing hook / top of side member	(BEP H045)	mm	

## WIDTHS

Wheelbase		mm	5.100
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	2499
Max. cab width	(BEP W002)	mm	2526
Frame width	Rear (BEP W036)	mm	852
	Front (BEP W035)	mm	1080
	front (BEP W035)	mm	
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2995.00
Track	Front (V1 / BEP W013.1)	mm	2109
	Rear 1 (V2 / BEP W013.2)	mm	2109

## OTHER

Wheelbase		mm	5.100
Side member thickness	(BEP W034)	mm	13.00
Chassis Total Weight With Driver And Passengers		Kg	
Turning Radius	kerb to kerb	mm	10394.50
	Overall (BEP W012)	mm	11000.00
	interior	mm	6628.00

## 13 ENGINE

*Max. power output: 330 kW between 1404 and 1700 rpm*

*Max. torque: 2200 Nm from 925 rpm to 1400 rpm*

Power Output (UK): 440 hp

6-cylinder in-line diesel engine - Common rail high-pressure fuel-injection (2000 bar) - 24 valves - overhead camshaft, rear-mounted timing

High pressure provided by three pumps on injector bodies.

Bore 131 mm - stroke 158 mm - Capacity 12.8 L

Electronically-controlled fan

Turbocharger

Direction of rotation (seen from gearbox end): anti-clockwise

Oil filter with additive

Oil service interval up to 100,000 km

Sheet metal oil sump

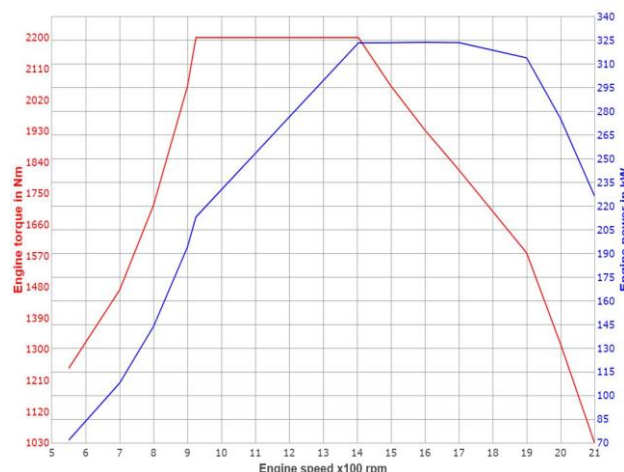
EEC EURO VI pollution control level

Compact after-treatment system (catalytic converter, DPF, SCR)

Cooling liquid

Automatic particulate filter regeneration with manual control

R51.03 phase 2 noise emissions standard



## ENGINE EQUIPMENT

Fast idling control whilst moving

Power Mode (Eco/Eco Off)

Partial gas recycling (semi-closed circuit)

*Automatic engine cut-off (5 min)*

Without engine Power Take Off.

Electronic speed limiter (90 km/h).

## CLUTCH

Single-plate clutch, diameter 430 mm

## GEARBOX

Optidriver ATO 2612 gearbox (11.73 - 0.79) with automatic clutch. Aluminium housing.

Max. torque 2550 Nm, 12 forward gears and 3 reverse gears.

Steering wheel-mounted operating mode selection

(automatic/manual) via gear shift selector,

Gearbox rear intermediate housing in aluminium

Gearbox oil cooler, oil/water heat exchanger

## RETARDER



OPTIBRAKE+ (power rating 340 kW at 2300 rpm):  
combination of the exhaust brake and valve compression  
braking, coupled to service brake

## POWER TAKE-OFF

Power take-off S81  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: opposite to engine  
Torque: 1000 Nm  
Ratios: 0.90/1.14  
Position: 18h

## STEERING

Right hand drive.  
Hydraulic power steering, electronically controlled variable  
flow pump.  
Steering ratio 26.2  
Integral hydraulic power assisted steering (2 independent  
circuits and 2 pumps).  
Driving on the left

## AXLES

*Front suspension and hub joints with grease nipples*  
Load capacity (technical max.) Front axle: 16 t  
Equal load distribution on front

## BRAKING

### Service brake:

Twin-cylinder air compressor 900 l/min, 636 cm<sup>3</sup>  
*Braking system with two independent circuits.*  
*Ventilated disc brakes.*  
Electronic management of air production by EACU (Electronic  
Air Control Unit):  
Dryer cartridge optimised by preventive maintenance.  
Disengageable air compressor  
*Aluminium air tanks.*  
*Without rear trailer coupling.*  
Low-position rear brake cylinders

### EBS:

*Anti-lock braking system (ABS).*  
*Anti-slip regulation (ASR).*  
*Drag torque control (Torque control during downshifting).*  
*(Disc) brake pad wear compensation*  
*Retarder and service brake linking*  
*Differential engagement management (if equipped) at speeds*  
*<10 km/h (4x2)*  
*Hill Start Assist*  
*Braking performance warning*  
*ESC (Electronic Stability Control) trajectory control and anti-*  
*rollover system*  
*Coupling traction test*  
*Emergency brake assist (EBA)*  
Stop lights emergency lighting

### Parking brake:

EPB (Electronic Parking Brake) automatic parking brake,  
immobilization provided by spring cylinders

## SAFETY

## WHEELS AND TYRES

*Dimension 385/65 + 315/80 R22.5*  
*Profile B. M-STEER 001 / M-DRIVE 001*  
Steel disc wheels  
ISO\_11992 compatible tyre pressure monitoring system  
Steel front wheel trims  
Without spare wheel.

## REAR AXLES

*PMR 2161D twin reduction final drive axle*  
Integral differential lock  
*Rear loading capacity (technical max.): 21 t*  
Rear load equally distributed  
Engine speed at 90 km/h: 1372 rpm

## CAB

### Cab exterior:

Day cab  
All steel Cab, electro-zinc plated and cataphoretic paint  
treatment.  
Red badge  
*4-point cab air suspension with ride-height control system*  
*Driver and passenger side rear-view cameras*  
*No rear-view mirror. Rear view using a camera*  
*Blind spot camera*  
Kerb view mirror.  
Rear view mirrors for bodywork up to 2.55 m wide  
Fold-back front view mirror  
*Twin air horns - roof mounted.*  
*Laminated side windows.*  
*Spray suppression on front wings*  
*Door extensions (step cover)*  
Exterior parts finished in cab colour  
*External sun visor*  
Tinted, laminated windscreen.  
Tinted rear cab window

### Cab interior:

Black grab handles  
*Interior cab finish - Red*  
Quality roof console, 1 storage compartment with key lock, 1  
storage space with net and 4 ISO modules  
*Electric interior sun blind on windscreen and manual blind on*  
*driver's side window*  
With digital camera.  
DTCO 4.1 digital tachograph  
Manual roof vent  
Mosquito net on air vent  
Rubber insulating floor mats  
*LUXURY DRIVER'S SEAT:*  
*Adjustable vertical damping*

*Seat squab tilt*  
*Length and height-adjustable*  
*Removable cover*  
*Adjustable headrest*  
*Seat quick-drop function with height setting memory*  
*Seat back side support adjustment*  
*Seat cushion side support adjustment*  
*Adjustable lumbar support*  
*Extendible seat squab cushion*  
*Heating system (driver's seat)*  
*Ventilation (driver seat)*  
*Driver's seat suspension lock function*  
*Seat with longitudinal suspension*  
*Two driver's armrests*  
 Red seat belts  
 Seat belt fastened reminder  
 seat squab tilt  
 Length-adjustable  
 Integral headrest  
 Without air suspension  
*Leather and fabric upholstery*  
*Driver's airbag.*  
*Removable refrigerated bottle holder*  
*Multi-compartment storage on engine tunnel. Capacity: 31 litres*  
 Blower  
*Air blower inside the cab*  
 Reading lamps on overhead ledge  
 Direct cab lighting  
 Cab lighting time-delay.  
 Clothes rail  
*First-aid box*  
 Driver's window with impulse control.  
*2kW stand-alone cab heater (air/air). Air distribution via three vents (behind the left seat, behind the right seat and above the bunk)*  
*Electronically regulated comfort air conditioning with compressor optimisation*  
 Cab air filtration, washable filter  
 No air-conditioning while parked  
 Handbook and Service pack in English.  
 2 loudspeakers and 2 tweeters  
*Fire extinguisher 3kg*

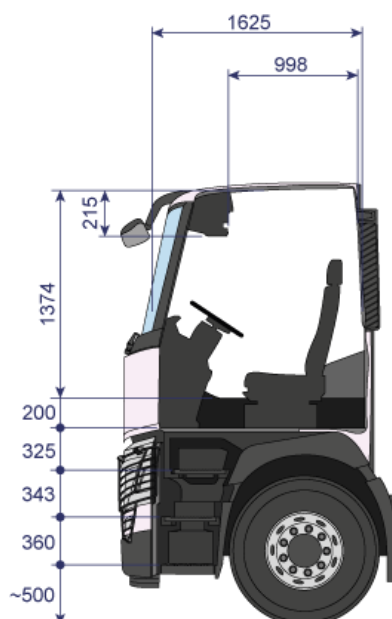
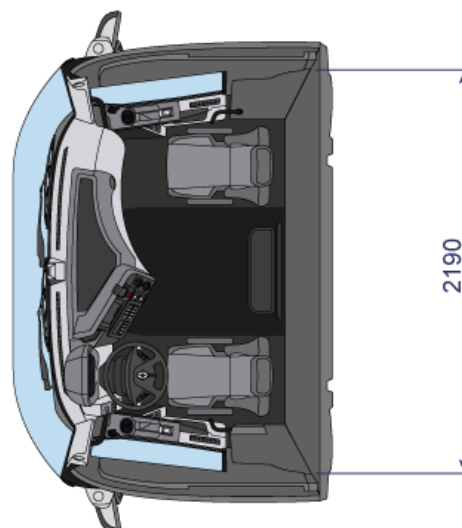
### Steering wheel equipment:

*Ultimate leather steering wheel*  
 OPTIDRIVER control  
 OPTIBRAKE and retarder control on right-hand side  
 3-way adjustable steering column  
*Writing clipboard*  
 Multifunction screen with DAB radio

### Instrument panel:

COMPACT dashboard  
 12" HD colour information display  
 Speedometer in miles  
*12 V + 24 V socket on dashboard, for accessories.*  
 Starting inhibitor controlled by transponder key.  
 Ready to fit alcohol ignition interlock device  
 Start button  
*3rd ignition key*  
 Customer adjustable overspeed downhill

Cruise control and speed limiter configurable by rotary control  
 Intelligent speed assistance. Intelligent Speed Assist: speed limit sign recognition, in-cab display and overtaking warning.  
 Power Mode (Eco/Eco Off)  
 Without Eco Mode



### ELECTRONIC EQUIPMENT:

Multilingual display  
 SAE cab socket for vehicle data extraction  
*FMS Gateway fleet management interface*  
 Assistance button for geolocation via the 24/7 platform

4G TGW3 telematics unit (telematic gateway) including an antenna and enabling subscription to Optifleet services (Map, Check, Drive) - Auto activation.  
TELENOR SIM card  
Driver Alert System (DAS) and Lane Departure Warning System (LDWS)  
Side radar for covering both sides of the truck  
*Forward Collision Warning System with Advanced Emergency Braking System (AEBS) and Adaptive Cruise Control (ACC)*

## ELECTRICAL EQUIPMENT

Batteries mounted side by side on LH side.  
*210 Ah AGM batteries*  
Maintenance-free batteries  
Battery cut-out remote control  
Electrical circuit automatically goes to standby  
*Battery charge indicator*  
Alternator : 180 amp capacity.  
*Protective grilles on rear lights*  
*LED rear signalling and lighting (EEC standard e2 10113)*  
*Adaptation: activation of the hazard warning lights when reverse gear is engaged.*

## CHASSIS

Chassis protective paintwork, mineral grey colour  
technical code: 03650  
*Chassis reinforcement from rear of engine to rear end of chassis*  
*Porte-à-faux avec prédisposition spécifique benne et longerons pré-perçés pour le carrossier*  
*Cantilever section on upper side*  
*Reinforced removable front towing cap*  
Without rear under-run bar .  
Transmission crossmember Medium  
*Closing cross member with pre-drilling for towing yoke*  
*C/K full paintwork to match cab colour*  
Twin cartridge air filtration for dusty environments  
*Wings on 2nd axle*  
*Wings fitted in standard position.*  
Side exhaust.

## BUMPER - STEPS AND LIGHTING

*Steel bumpers*  
*Retractable windscreen access steps in radiator grille and under bumper*  
*Access to driving position by 3 steps. 1st step flexible and of composite material*  
*Step lighting.*  
Access to driving position by 3 steps  
Step lighting.  
*Metallic door sills*  
BUMPER CORNERS AND CENTER PAINTED IN BLACK  
*Automatic windscreen wiping with rain sensor*  
*Automatic lights according to luminosity*  
*and automatic selection of main or dipped beam headlights*  
*Running lights*

## GEARBOX RATIOS

*Provision for lighting rail on roof*  
*Front fog lights.*  
*Additional cornering lights (for steel bumper)*  
*Halogen headlights*  
*2 rotating orange LED lights*

## SUSPENSION

### Front suspension

2-leaf front leaf springs  
Front anti-roll bar.

### Rear suspension:

*3-leaf parabolic rear springs*  
Rear stabiliser bar.  
Rear shock absorbers

## FUEL TANK

Plastic tank positioned between the 2 front axles  
275-litre plastic tank positioned between the two front axles on the left  
*Anti-siphoning device*  
Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.

## AdBlue

57-litre AdBlue tank inside the chassis.  
Urea tank on the right

## STANDARD EQUIPMENT

Tool kit.  
Reversing warning buzzer, including night switch.  
Windscreen washer bottle capacity: 8.8L

## BODYWORK

*Side members with bodywork bracket fastening holes*  
*2 adjustable lamps mounted on the top of the rear of the cab.*  
Orange LED side marker lights with reflector  
Interface for bodybuilder connections and BBM module (Body Builder Module)  
*Bodybuilder electrical interface on chassis*

## SERVICE

### Optifleet:

*Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 2-year prepaid subscription*  
*Optifleet Map: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription*  
*SYGIC NAVIGATION connected app +*

1	2	3	4	5	6	7	8	9	10	11	12
11.73	9.21	7.09	5.57	4.35	3.41	2.70	2.12	1.63	1.28	1.00	0.79

*The manufacturer reserves the right to modify the specifications above without prior notice.*  
*Non contractual document.*  
*For further assistance please contact Product Applications at Renault Trucks UK Limited, Wedgnock Lane ,  
Warwick , CV34 5YA Telephone +44 (0)1926 475333.*



## Tipper body features

- **Body Type:** Thompsons Loadmaster Lite Body
- **Length:** 6630 mm **Width:** 2420 mm **Height:** 1000 mm
- **Tailgate Type:** Auto-Loc 'R1.5' Tailgate
- **Tailgate Hinge Type:** Loadmaster Hinge
- **Modifications to Tailgate:** Autoloc Safety Latch (5005-0072)
- **Headboard Construction:** SUS Cabshield (5002-0102)
- **Floor Material:** 4.5mm Hardox 500 Tuf Universal Pressed Floor per 1100-0064
- **Side Panel Materials:** 3.5mm Hardox 500 Tuf
- **Load Cells:** PM Onboard 4 Point 1155 system
- **Sheet System:** CM1000 Electric System with Black Mesh Sheet